Johns-Manville Corporation

Greenwood Plaza
Denver, Colorado 80217

Health, Safety & Environment Department

September 20, 1974

Mr. H. W. Speicher
Administrator
Headquarters Industrial Hygiene
Western Electric Corp.
700 Braddock Ave.
East Pittsburgh, PA 15112

Dear Mr. Speicher:

In accordance with your request, enclosed is a completed copy of your form "Industrial Hygiene Material Information" concerning our QUINTEX I.

In addition to the information supplied in this questionnaire, I would comment that some oxidation reaction occurs in air with initial heating of QUINTEX I so as to produce an exotherm. Some odor from residual ammonial compounds in the polymeric binder may be given off during this reaction. We recommend that when heating QUINTEX I the operation be provided with adequate ventilation.

If additional information is needed, please do not hesitate to contact me directly.

Very truly yours,

Edmund M Fenner

Edmund M. Fenner, Director
Technical Affairs
Environmental Relations Section

EMF/emr

Enc.

FORM 39576 [illegible]

NEW MATERIAL LABEL NO. [illegible]

WESTINGHOUSE MATERIAL CODE NO. 42331AJ

DATE ____ SUPPLIERS TRADE NAME Quintex 1

APPROXIMATE PERCENTAGE COMPOSITION: SOLIDS CONTENT 100 % LIQUID CONTENT ____ %

APPROXIMATE COMPOSITION OF SOLVENT, DILUENT, THINNER, OR OTHER LIQUID:

AROMATICS:
BENZENE ____ % TOLUENE ____ % XYLENE ____ % OTHERS ____ (GIVE NAME) ____ %

CHLORINATED:
CARBON TETRACHLORIDE ____ % TRICHLOROETHYLENE ____ % PERCHLOROETHYLENE ____ %
METHYLENE CHLORIDE ____ % METHYL CHLOROFORM ____ % OTHERS ____ (GIVE NAME) ____ %

PETROLEUM SOLVENTS:
MINERAL SPIRITS ____ % VM&P NAPHTHA ____ % NAPHTHA ____ % OTHERS ____ (GIVE NAME) ____ %

CYCLIC COMPOUNDS OTHER THAN AROMATICS (GIVE NAME AND PERCENT):

KETONES (GIVE NAME AND PERCENT):

ACETATES (GIVE NAME AND PERCENT):

ALCOHOLS (GIVE NAME AND PERCENT):

ORGANIC ACIDS (GIVE NAME AND PERCENT):

OTHER LIQUIDS (GIVE NAME AND PERCENT):

SOLID CONSTITUENTS:

1. ANTIMONY	____ %	5. CADMIUM	____ %	9. LEAD	____ %
2. ARSENIC	____ %	6. CHROMIUM	____ %	10. MERCURY	____ %
3. ASBESTOS	82.2 %	7. CYANIDES	____ %	11. SELENIUM	____ %
4. BERYLLIUM	____ %	8. FLUORIDES	____ %	12. SILICA	____ %

13. OTHERS (GIVE NAME AND PERCENT): polyester fiber 7.9 %

14. ALKALI (GIVE NAME AND PERCENT):

15. INORGANIC ACIDS (GIVE NAME AND PERCENT):

16. OTHER INORGANIC COMPOUNDS (GIVE NAME AND PERCENT):

17. ORGANIC COMPOUNDS OTHER THAN SOLVENTS (GIVE NAME AND PERCENT):
acrylonitrile/butadiene polymer 9.9 %

03111354

16. RESIN (GIVE NAME AND PERCENT): ______ ______% ______ ______% ______ ______

(A) PHYSICAL STATE: ______ SOLID ______ LIQUID ______ K

(B) TYPE OF CURE: ______ HEAT CURE ______ ROOM TEMPERATURE

(C) CURING AGENTS (STATE CHEMICAL NAME):

AMINE: ______ ANHYDRIDE: ______

OTHERS: ______

(D) METALLIC FILLERS (STATE CHEMICAL NAME): ______

(E) REACTIVE DILUENT (STATE CHEMICAL NAME): ______

FLASH POINTS:

______ OPEN CUP (TAGLIABUE ASTM D1310-67 FOR MATERIALS HAVING FLASH POINTS BETWEEN 0 – 235°F)

______ CLOSED CUP (TAGLIABUE ASTM D56-64 FOR MATERIALS HAVING FLASH POINTS BELOW 175°F)

LOWER EXPLOSIVE LIMIT ______ % UPPER EXPLOSIVE LIMIT ______ %

VAPOR PRESSURE IN MM OF MERCURY AT 25°C ______ SPECIFIC GRAVITY ______

OTHER AVAILABLE VAPOR PRESSURE DATA ______

WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL HIGH TEMPERATURES? ______

______ DECOMPOSITION TEMP. ______

DOES THIS MATERIAL DECOMPOSE VIOLENTLY WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS?

YES ☐ NO ☐ IF YES, EXPLAIN ______

PRECAUTIONS FOR NORMAL CONDITIONS OF USE: ______

RECOMMENDATIONS FOR SAFE STORAGE: ______

RECOMMENDATIONS FOR SAFE WASTE DISPOSAL: ______

WHAT D.O.T. REGULATIONS APPLY FOR SHIPPING: (RED LABEL, WHITE LABEL, ETC.) AND TYPE OF CONTAINER

______

ATTACH COPY OF YOUR PRECAUTION LABEL AND INSTRUCTIONS FOR SAFE USAGE.

RETURN TO:
H. W. SPEICHER, ADMINISTRATOR
WESTINGHOUSE ELECTRIC CORPORATION
HEADQUARTERS INDUSTRIAL HYGIENE
700 BRADDOCK AVENUE
EAST PITTSBURGH, PA. 15112

SIGNED ______

______
TITLE

______
COMPANY

03111955

NOTICE

THIS PRODUCT CONTAINS ASBESTOS.
IN THE EVENT THIS PRODUCT IS CUT OR
ABRADED, AVOID BREATHING THE DUST.
03111957

18. RESIN (GIVE NAME AND PERCENT):
ACRYLIC RESIN 5 % ___ % ___ %

(A) PHYSICAL STATE: BINDER RESIN SOLID - LIQUID - KIT

(B) TYPE OF CURE: NONE REQUIRED HEAT CURE ___ ROOM TEMPERATURE

(C) CURING AGENTS (STATE CHEMICAL NAME):

AMINE: - ANHYDRIDE: -

OTHERS: -

(D) METALLIC FILLERS (STATE CHEMICAL NAME): -

(E) REACTIVE DILUENT (STATE CHEMICAL NAME): WATER

FLASH POINTS:

- OPEN CUP (TAGLIABUE ASTM D1310-67 FOR MATERIALS HAVING FLASH POINTS BETWEEN 0 – 235°F)

- CLOSED CUP (TAGLIABUE ASTM D56-64 FOR MATERIALS HAVING FLASH POINTS BELOW 175°F)

LOWER EXPLOSIVE LIMIT - % UPPER EXPLOSIVE LIMIT - %

VAPOR PRESSURE IN MM OF MERCURY AT 25°C - SPECIFIC GRAVITY -

OTHER AVAILABLE VAPOR PRESSURE DATA WILL NOT BURN - UL 94V-0 RATING

WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL HIGH TEMPERATURES? -

- DECOMPOSITION TEMP. OVER 1000°C

DOES THIS MATERIAL DECOMPOSE VIOLENTLY WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS?

YES ☐ NO ☒ IF YES, EXPLAIN

PRECAUTIONS FOR NORMAL CONDITIONS OF USE: OSHA REGULATIONS FOR ASBESTOS PRODUCTS,

RECOMMENDATIONS FOR SAFE STORAGE: NONE

RECOMMENDATIONS FOR SAFE WASTE DISPOSAL: SEE OSHA REGULATIONS

WHAT D.O.T. REGULATIONS APPLY FOR SHIPPING: (RED LABEL, WHITE LABEL, ETC.) AND TYPE OF CONTAINER

- -

ATTACH COPY OF YOUR PRECAUTION LABEL AND INSTRUCTIONS FOR SAFE USAGE.

RETURN TO:
K. A. BODDEN, ADMINISTRATOR
WESTINGHOUSE ELECTRIC CORPORATION
HEADQUARTERS INDUSTRIAL HYGIENE
700 BRADDOCK AVENUE
EAST PITTSBURGH, PA. 15112

SIGNED J K Hubbard

RESEARCH DIRECTOR
TITLE

MANNING PAPER COMPANY
COMPANY

DIV. OF HAMMERMILL PAPER CO.
TROY, NEW YORK 12181

03111959